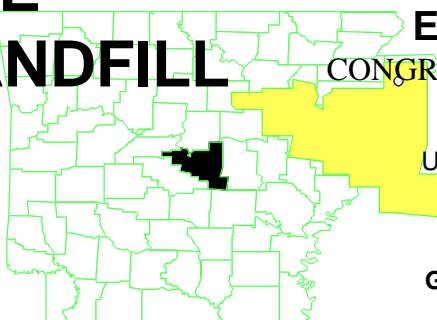


JACKSONVILLE MUNICIPAL LANDFILL ARKANSAS

EPA ID# ARD980809941



EPA REGION 6

CONGRESSIONAL DISTRICT 02

Loanoke County

Updated: June 26, 2000

Other Names:
Graham Road Landfill

Site Description

Location: ! On Graham Road east of Jacksonville, Arkansas, just inside the Pulaski County line.
 ! North of Little Rock.
 ! The Rogers Road Landfill site is located approximately ½ mile to the west.

Population: ! An estimated 10,000 within three miles of the site.

Setting: ! An estimated 10,000 people draw drinking water from public and private wells.
 ! A private water well is 500 feet from the site.
 ! The site encompasses approximately 40 acres of an 80-acre tract of land and is used for recreational purposes such as hunting.
 ! In addition to municipal waste, drums of industrial wastes were illegally dumped in the landfill.
 ! On-site soil and drums were contaminated with 2,3,7,8-tetrachlorodibenzo (P) dioxin (2,3,7,8-TCDD), 2,4-D, 2,4,5-T, and 2,4,5-TP.

Hydrology: ! Deposits underlying the site are composed of silty clay to about 80 feet.
 ! Ground water and surface water flows are to the southeast.

Wastes and Volumes

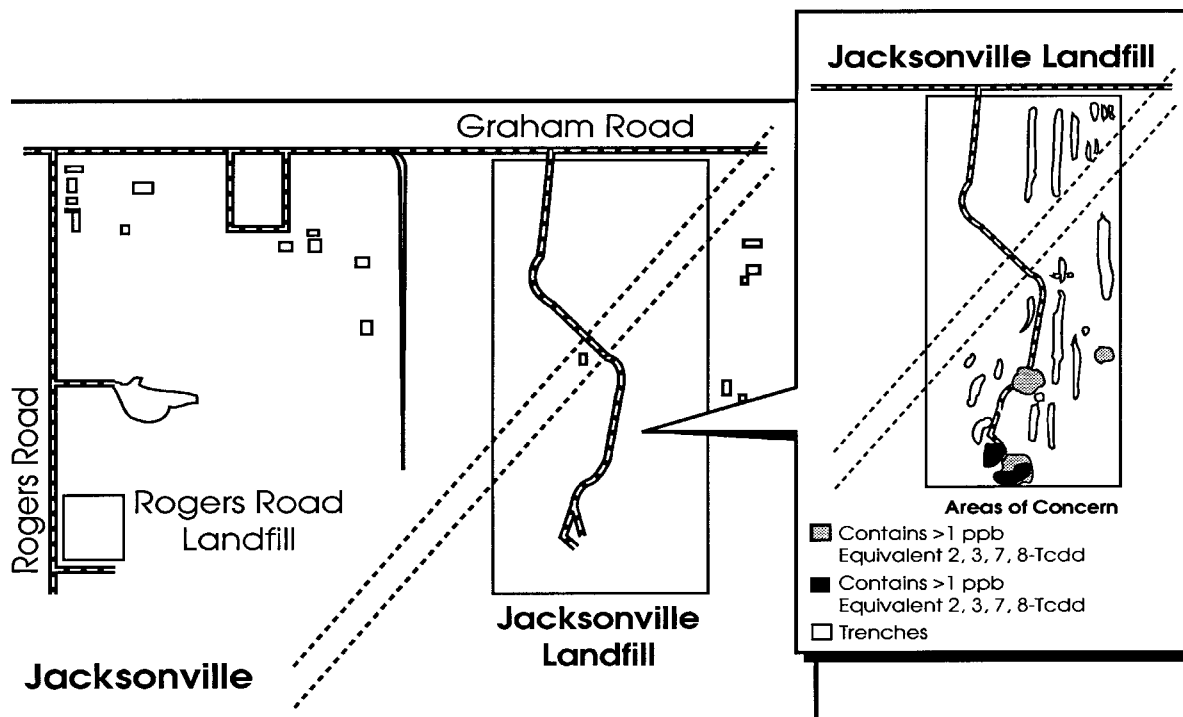
! The principal pollutants at the Jacksonville Municipal Landfill included 2,3,7,8-TCDD (dioxin), and herbicides (2,4-D, 2,4,5-T and 2,4,5-TP).
! 498 cubic yards of contaminated soil and 22 drums of hazardous materials were excavated during the site remediation.
! Contamination was confined to four isolated drum pile locations. There is no off-site contamination.

Site Assessment and Ranking

NPL LISTING HISTORY

Site HRS Score: 29.64
Proposed Date: 01/22/87
Final Date: 07/22/87
NPL Update: No. 6

Site Map and Diagram



The Remediation Process

Site History:

! The City of Jacksonville purchased the site in June 1960 and operated it as a municipal landfill until 1973.

! Industrial and municipal wastes were at first burned and then later dumped into unlined trenches. No cover was applied at the end of the day.

- ! Site was closed in July 1973 when the Arkansas Department of Pollution Control and Ecology refused to grant a landfill permit due to the high water table and poor drainage.
- ! In early 1986, the City of Jacksonville fenced the site to prevent public access.

Health Considerations:

- ! Potential for direct contact.
- ! Potential for contamination of residential wells.

Record of Decision

Signed: September 27, 1990

! The remedy selected for the Jacksonville Municipal Landfill included excavation of the on-site waste material, thermal treatment and ash disposal of this material at the Vertac Chemical Corp., capping of residual waste on-site, long term ground water monitoring and site maintenance.

<u>Other Remedies Considered</u>	<u>Reason Not Chosen</u>
1. No action	Not protective
2. Capping	Not permanent, does not satisfy EPA's preference for treatment.
3. Off-site thermal destruction	No commercial facility presently permitted to accept dioxin waste.
4. Thermal destruction at landfill	Less secure location than at landfill Vertac; not industrially zoned.

Community Involvement

- ! Community Involvement Plan: Developed 11/88.
- ! Open houses and workshops: Open house 7/88; Update 11/88 and 3/89; Open house and Update 7/89; Update 12/89; Update 5/90; Update 6/94.
- ! Original Proposed Plan Fact Sheet and Public Meeting: 07/90.
- ! Original Record of Decision (ROD) Fact Sheet: 10/90.
- ! Milestones: Satellite Office Open 7/90 - Continuing Community Outreach/Contact.
- ! Remedial Design/Remedial Action (RD/RA) Public Meeting, 8/94
- ! Citizens on site mailing list: 250
- ! Constituency Interest: Highly organized community interest (PACCE, FUSE, ACCA, ECA, AA, NAACP, Greenpeace, JPWP, AARF). Elected officials at all levels are keenly aware of and interested in this site.
- ! Site Repository: Jacksonville City Hall
- ! Community Relations for this site are also accomplished through Vertac Chemical site outreach.

Technical Assistance Grant

- ! Original Availability Notice: 4/88, 1/92
- ! Letters of Intent Received:
 - 1) Jacksonville People With Pride Cleanup Coalition (JPWPCUC)
 - 2) Vertac Area Citizens Group
 - 3) Friends United for a Safe Environment
 - 4) People Against Chemically Contaminated Environment
- ! Final Application received: 02/22/89
- ! Grant Award: 05/18/89 to JPWPCUC
- ! Budget Period: 04/05/93-04/04/95
- ! Current Status: Grant award to JPWPCUC was annulled 12/91 due to apparent conflict of interest.

- ! Availability re-advertised 01/92
- ! Letters of Intent received:
 - 1) Jacksonville Superfund Oversight Committee
 - 2) People Against a Chemically Contaminated Environment
 - 3) Jacksonville Superfund Cleanup Coalition
 - 4) Concerned Citizens Coalition (CCC)
- ! Final Application Received: 2/24/93
- ! Grant Award: 04/05/93 to CCC
- ! Budget Period: 04/05/93-04/04/96
- ! Grantee: Concerned Citizens Coalition, Inc. (CCC)
 - Bob Johnson, President
 - Jacksonville, AR
- ! Technical Advisor selected 9/94, ECO, Inc., contract signed 12/94, terminated 12/95.
- ! Second Technical Advisor, Carlisle Consulting, Inc., selected 3/96, document reviews and input to remedy selection resumed.
- ! Current Status: Significant effort and outreach by EPA resulted in consolidation of competing groups onto the CCC Board of Directors. All funds disbursed and grant closed out.
- ! Another TAG awarded to CCC
- ! Grant Award: 04/05/96 to CCC
- ! Budget Period: 04/05/96-04/04/99
- ! Tag expired 04/04/99. TAG is currently being closed and deobligated.

Contacts

- ! **Remedial Project Manager (EPA):** Kathleen Aisling, 214-665-8509, Mail Code: 6SF-LT
- ! **State Contact:** Brian Wakelyn (ADEQ), 501-682-0845
- ! **Community Involvement (EPA):** Kathleen Aisling, 214-665-8509, Mail Code: 6SF-LT
- ! **State Coordinator (EPA):** Karen Bond, 214-665-6682, Mail Code: 6SF-AP
- ! **Prime Contractor:** RD/RA-U.S. EPA TAT Team,
 - Ecology & Environment

Enforcement

- ! RI/FS was conducted using fund monies.
- ! ROD issued 9/90.
- ! RD/RA Special Notice Letters issued 1/88.
- ! Consent Decree (CD) between EPA and one settling PRP entered 5/94.
- ! CD covered excavation and off-site treatment of site waste.

Present Status and Issues

- ! EPA signed the Preliminary Closeout Report and conducted a ribbon-cutting ceremony signifying construction completion on September 25, 1995.
- ! EPA signed the Closeout Report on April 30, 1996.
- ! Site is in operation and maintenance phase and will be deleted from the NPL if ground water monitoring data statistically shows that the ground water is clean. Ground water data is currently being evaluated.
- ! Deed restrictions, to keep residents from disturbing the soil cover in the excavated areas and from using the onsite ground water were filed in August, 1999.
- ! The Site was deleted from the NPL on March 14, 2000.
- ! Interviews and a site inspection will be conducted in late June in support of the site five-year review.

Benefits

- ! Excavation of all hazardous substances at the site has eliminated the potential for exposure to contaminants at the Jacksonville Landfill.
- ! Access to the site will remain restricted and the City will continue to conduct operation and maintenance activities.
- ! Had the site not been cleaned up, it would have continued to act as a source of soil contamination and a potential source of ground water contamination.
- ! Once the site is deleted from the NPL, the city intends to use the land, possibly for community purposes.